

RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT
Appln. No.: 10/617,818

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

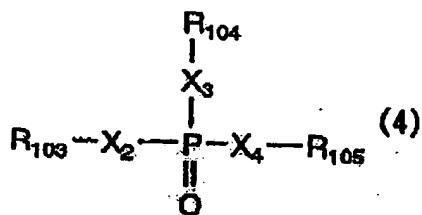
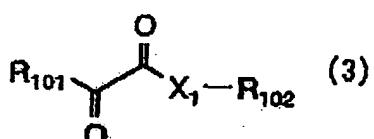
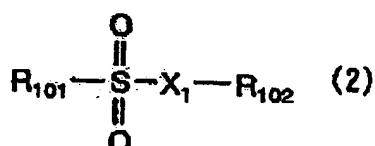
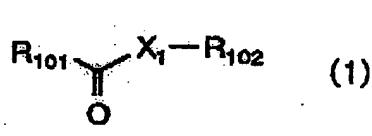
LISTING OF CLAIMS:

1. (currently amended) An ink for inkjet recording, comprising a dye, water, a water-miscible organic solvent and a precursor of acid;

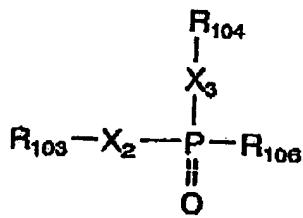
wherein the precursor of acid is a compound showing no acidity at the time of preparation and storage of the ink, but capable of releasing acids by a reaction after aging or printing, or capable of rendering the ink system acidic as a result of the reaction; and which comprises the precursor of acid in an amount of 0.01 to 20 wt%.

2. (canceled).

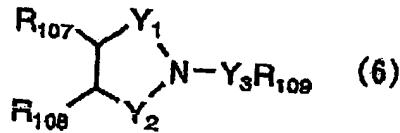
3. (currently amended) The ink for inkjet recording according to claim 1, wherein the precursor of acid includes at least one of compounds represented by the following formulae (1) to (10)(9):



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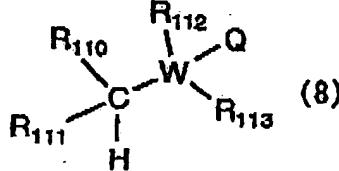
(5)



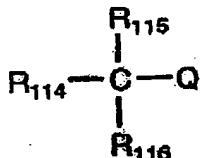
(6)



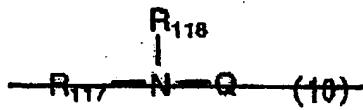
(7)



(8)



(9)



(10)

wherein R_{101} represents an alkyl group, an alkenyl group, an alkynyl group, an aryl group, a heterocyclic group, an amino group, an alkoxy group, an aryloxy group, an alkylthio group or an arylthio group, and the groups may have a substituent;

R_{102} to R_{106} and R_{109} each represent an alkyl group, an alkenyl group, an alkynyl group, an alkynyl group, an aryl group or heterocyclic group, and the groups may have a substituent;

R_{107} and R_{108} each represent a hydrogen atom, a chemical bond forming a double bond by being linked together, a halogen atom, an alkyl group, an alkenyl group, an alkynyl group, an aryl group or a heterocyclic group, and the groups may have a substituent, and two of R_{107} and R_{108} may form a ring by combining with each other;

X_1 to X_4 each represent an oxygen atom, a nitrogen atom, a sulfur atom, or a group represented by $-N(R_{119})-O-$ or $-O-N(R_{119})-$; R_{119} represents a hydrogen atom, an alkyl group, an aryl group or a heterocyclic group;

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Y₁ to Y₃ each represent a carbonyl group, a sulfonyl group, or a group represented by – PO(R₁₂₀)R₁₂₁; R₁₂₀ and R₁₂₁ each represent an alkyl group, an aryl group, ~~an aryl group~~, a heterocyclic group, an amino group, an alkoxy group, an aryloxy group, an alkylthio group or an arylthio group;

Z represents atoms capable of forming an aromatic heterocyclic ring; Q represents a halogen atom, an alkoxy group, an aryloxy group, an alkylthio group, an arylthio group, an amino group, an acyloxy group, an alkylsulfonyloxy group or an arylsulfonyloxy group;

W represents a carbon atom or a nitrogen atom; Q has the same definition as described above; R₁₁₀ and R₁₁₁ each represent a hydrogen atom, a halogen atom, an alkyl group, an aryl group, a heterocyclic group, an amino group, an alkoxy group, an aryloxy group, an alkylthio group, an arylthio group, an acyl group, an alkylsulfonyl group or an arylsulfonyl group;

R₁₁₂ and R₁₁₃ each represent a hydrogen atom, a halogen atom, or an alkyl group, an aryl group, a heterocyclic group, an alkoxy group, an aryloxy group, an alkylthio group, an arylthio group, an acyl group, an alkylsulfonyl group or an arylsulfonyl group;

Q has the same definition as described above; R₁₁₄ represents an alkyl group, an aryl group, a heterocyclic group, an acyl group, an alkylsulfonyl group, an arylsulfonyl group, a phosphoric acid group, an alkylphosphonic acid group, an arylphosphonic acid group, a dialkylphosphonic acid group or a diarylphosphonic acid group; and

R₁₁₅ and R₁₁₆ each represent a hydrogen atom, a halogen atom, an alkyl group, an aryl group, a heterocyclic group, an amino group, an alkoxy group, an aryloxy group, an alkylthio group, an arylthio group, an acyl group, an alkylsulfonyl group or an arylsulfonyl group;

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~~Q has the same definition as described above; R₁₁₇ and R₁₁₈ each represent a hydrogen atom, a halogen atom, an alkyl group, an aryl group, a heterocyclic group, an amino group, an alkoxy group, an aryloxy group, an alkylthio group, an arylthio group, an acyl group, an alkylsulfonyl group or an arylsulfonyl group.~~

4. (canceled).
5. (currently amended) The ink-ink for inkjet recording according to claim 1, which further comprises a surfactant.
6. (currently amended) The ink-ink for inkjet recording according to claim 1, which is an aqueous solution-type ink, in which the dye is a water-soluble dye.
7. (currently amended) An ink set comprising the ink according to described in claim 1.
8. (currently amended) An inkjet recording method, which comprises recording an image with an inkjet printer using the ink according to described in claim 1 ~~or the ink set described in claim 6.~~
9. (new) An inkjet recording method, which comprises recording an image with an inkjet printer using the ink set according to claim 6.